



(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

PTO/SB/DBA (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	10/662,072
--------------------	------------

Filing Date	September 12, 2003
--------------------	---------------------------

First Named Inventor	Echaz, Javier Ramon
----------------------	---------------------

Art Unit	3735
----------	------

Examiner Name	Nasser, Robert L.
---------------	-------------------

Attorney Docket Number	1080 1010.2
------------------------	-------------

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date Considered

425-2832

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTC-9199 (1-800-786-9199) and select option 2.

RECEIVED
CENTRAL FAX CENTER
JAN 09 2006

PTO/SB/DBA (07-06)

Approved for use through 07/31/2008. OMB 0651-0001
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Patent Information Act of 1980, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/662,072
Filing Date	08/12/2003
First Named Inventor	Echaz
Art Unit	3738
Examiner Name	
Attorney Docket Number	1080 1010.2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ¹ & (date)			
PCH	A	US- 4,735,204	04/05/1988	Sussman, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Y*
		Country Code* Number* Kind Code* (if known)	MM-DD-YYYY			
		</				

Examiner Signature: [Signature] Date Considered: 4-25-2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard 67.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbol as indicated on the document under WIPO Standard 67.18 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-0199 (1-800-786-0199) and select option 2.



Sheet 2 of 2

Form PTO-1449

Attorney Docket No.

I080 1020.2

Serial No.

10/662,072

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant: Echauz, et al.

Filing Date 09/12/03

Group

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DIK	AA	4,867,164	09/19/89	Zabara	607	45	
	AB	5,025,807	06/21/91	Zabara	607	45	
	AC	5,304,206	04/19/94	Baker, Jr., et al.	607	2	
	AD	5,311,876	05/17/94	Olsen, et al.	600	544	
	AE	5,713,923	02/03/98	Ward, et al.	607	3	
	AF	5,978,702	11/02/99	Ward, et al.	607	3	
	AG	6,016,449	01/18/00	Fischell, et al.	607	45	
	AH	6,061,593	05/09/00	Fischell, et al.	600	544	
	AI	6,018,682	01/25/00	Rise	607	45	
PLR	AJ	5,928,272	07/27/99	Adkins, et al.	607	45	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
					04	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PLH	AK	Grassberger, et al. "Characterization of Strange Attractors," <u>Physical Rev. Letters</u> , vol.50, no.5, pp. 346-349.
PLR	AL	Elger, et al., "Seizure Prediction by Nonlinear Time Series Analysis of Brain Electrical Activity," <u>European Journal of Neuroscience</u> , 1998, vol. 10, pp. 786-789.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE

DATE CONSIDERED:

4-25-2007

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Sheet 1 of 2

Form PTO-1449

Attorney Docket No.

1080.1020.2

Serial No.

10/662,072

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant: Echauz, et al.

Filing Date 09/12/03

Group

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PCR	A	5,995,868	11/30/99	Dorfmeister, et al.	600	544	
	B	3,863,625	02/04/75	Viglione, et al.	128	2.1	
	C	5,743,860	04/28/98	Hively, et al.	600	544	
	D	5,857,978	01/12/99	Hively et. al.	600	544	
	E	3,837,331	09/24/74	Ross	600	027	
	F	3,967,616	07/06/76	Ross	600	27	
	G	3,850,161	11/26/74	Liss	600	544	
	H	3,993,046	11/23/76	Fernandez, et al.	600	545	
	I	4,566,464	01/28/86	Piccone, et al.	600	545	
PCR	J	4,702,254	10/27/87	Zabara	607	45	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	K	WO 00/10455	03/02/00	International	A61B 5	04	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PCR	L	Iasemidis, et al., "Spatiotemporal Evolution of Dynamical Measures Precedes Onset of Mesial Temporal Lobe Seizures," <u>Epilepsia</u> , vol. 35, no. Suppl. 8, pp. 133, 1994.
PCR	M	Iasemidis, et al., "Chaos Theory and Epilepsy", <u>The Neuroscientist</u> , Mar. 1996, vol. 2, no. 2, pp. 118-126.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE

DATE CONSIDERED:

4-25-2007